

Lockheed Aircraft Corp.		ENGINEERING STUDY <input type="checkbox"/>		LAC - 46	
DATE 7-28-59		AFFECTS: WSPO <input checked="" type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>	
NAME OF MAJOR COMPONENT Autopilot		PART OR LOWEST SUBASSEMBLY Potentiometer		PART NO. & MODEL OR TYPE	
TITLE OF PROPOSAL : Autopilot Mach Pot Replacement					
NATURE OF PROPOSAL : 1. Replace 500 Ω cockpit mach adjustment potentiometer and 330 Ω paralleling resistor with a 250 Ω potentiometer. (All airplanes except 342, 351, 358 which have been completed). 2. Prepare and issue a Service Bulletin - SB No. 412 3. Provide appropriate kits. 4. We are proceeding with this work in advance of written approval.					
REASON FOR PROPOSAL : To prevent possible malfunction of the autopilot resulting from damage to the mach amplifier due to excessive loading.					
ES		ESTIMATED COST AND TIME INVOLVED : - ADDITIONAL FUNDING REQUIRED : -			
CP		ESTIMATED COST FOR KITS OR PARTS : \$2.50 per kit. 10 kits for Project 29 kits for WSPO ADDITIONAL FUNDING REQUIRED : None (SP-1917)			
ITEMS AFFECTED BY PROPOSAL :					
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 1.5 Hrs.					
SOURCE OF PARTS FOR KIT LAC			AVAILABILITY / WEEKS AFTER APPROVAL Approx. 24 August 1959		
DISPOSITION OF SPARES AFFECTED CU5011 obsolete. Replaced by CU2511					
INITIATED BY : LAC			APPROVED : WSPO PROJECT SIGNED		